

# Converting Colors

XYZ(69.6623, 62.1629, 62.3019)

Have a look what the booklet for  
XYZ(69.6623, 62.1629, 62.3019)  
contains.

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# Color

**XYZ(69.5953, 62.0213,  
62.3361)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">FEBEC7</a>
RGB	<a href="#">254, 190, 199</a>
RGB Percent	<a href="#">100%, 75%, 78%</a>
CMY	<a href="#">0.0039, 0.2549, 0.2196</a>
CMYK	<a href="#">0.00, 0.25, 0.22, 0.00</a>
HSL	<a href="#">352°, 97%, 87%</a>
HSV	<a href="#">352°, 25%, 100%</a>
XYZ	<a href="#">69.5953, 62.0213, 62.3361</a>
YIQ	<a href="#">210.1620, 35.2550, 16.3670</a>

# Conversions

## Conversions Part 2

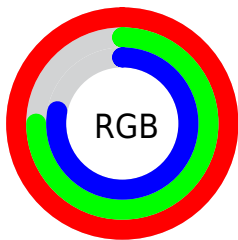
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	254, 190, 199
Decimal	16694983
CIE <sub>Lab</sub>	82.92, 24.26, 4.49
CIE <sub>LCh</sub>	83, 24.674, 10.486
Yxy	62.0213, 0.3588, 0.3198
Android (android.graphics.Color)	4294885063 (0xFFFEBC7)
YUV	210.1620, -5.5029, 38.4459
Hunter-Lab	78.7536, 19.9233, 8.1975

# Details

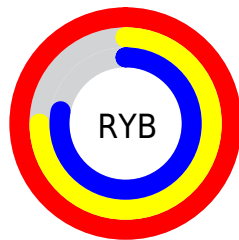
The XYZ color **69.5953, 62.0213, 62.3361** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.1610, 88.4248, 99.6022**, and the grayscale version is **61.3852, 64.5820, 70.3298**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **36.6799, 31.3884, 30.9134** is the 20% darker color. If you saturate the color by 10%, you get **62.2104, 51.0205, 48.2538**, and if you desaturate by 10%, it is **78.3059, 75.0905, 78.6555**.

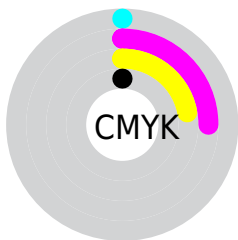
# Distribution



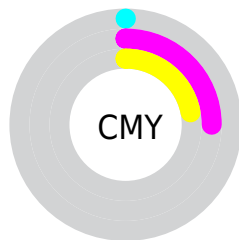
- Red (100%)
- Green (75%)
- Blue (78%)



- Red (100%)
- Yellow (75%)
- Blue (78%)



- Cyan (0%)
- Magenta (25%)
- Yellow (22%)
- Black (0%)




- Cyan (0%)
- Magenta (25%)
- Yellow (22%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 69.5953, 62.0213, 62.3361 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 69.5953, 62.0213, 62.3361 by changing the saturation by 10% instead.




 69.5953, 62.0213,  
62.3361

 69.5953, 62.0213,  
62.3361


448.4164,  
432.0088, 451.1975

 51.4751, 45.0499,  
44.8668


 117.6609,  
107.7563, 109.7874

 36.8094, 31.4967,  
31.0103


148.3369,  
137.2887, 140.6066

 25.2330, 20.9774,  
20.3482


183.9289,  
171.7769, 176.7127

 16.3804, 13.1075,  
12.4618

224.8023,  
211.6053, 218.5244

 9.8863, 7.5026,  
6.9327

271.3224,  
257.1583, 266.4602

 5.3853, 3.7784,  
3.3422

323.8545,

 2.5121, 1.5504,

308.8203, 320.9386

1.2719

382.7641,  
366.9757, 382.3782

■ 0.9014, 0.3238,  
0.0386

■ 0.0000, 0.0000,  
0.0000

■ 69.5953, 62.0213,  
62.3361

■ 69.5953, 62.0213,  
62.3361

■ 62.2104, 51.0205,  
48.2538

■ 78.3059, 75.0905,  
78.6555

■ 56.0809, 41.9740,  
36.3070

■ 88.3977, 90.3176,  
97.2998

■ 51.1378, 34.7695,  
26.3921

94.6832, 99.8109,  
108.8828

■ 47.3033, 29.2800,  
18.3951

■ 44.4902, 25.3623,  
12.1905

■ 42.5979, 22.8497,  
7.6377

■ 41.5041, 21.5377,  
4.5744

■ 41.1871, 21.1965,  
3.5659

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.1306, 62.0213, 77.8013



69.5953, 62.0213, 62.3361



67.0801, 62.0213, 50.2336

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.5953, 62.0213, 62.3361



52.5517, 62.0213, 47.6028



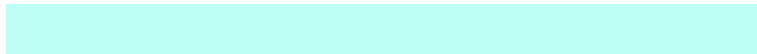
55.5967, 62.0213, 99.0928

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



69.5953, 62.0213, 62.3361



73.1610, 88.4248, 99.6022

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



51.5037, 62.0213, 88.4021



69.5953, 62.0213, 62.3361



49.8203, 62.0213, 58.2061

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.5953, 62.0213, 62.3361



57.1065, 62.0213, 42.6173



49.4486, 62.0213, 73.0061



60.8315, 62.0213, 100.6426



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.5953, 62.0213, 62.3361



64.1358, 62.0213, 45.1022



49.4486, 62.0213, 73.0061



54.0504, 62.0213, 96.3807

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



69.5970, 62.0242, 62.3374



86.1884, 86.5897, 92.6501



73.7519, 63.2904, 102.0954



18.1133, 18.0286, 19.2140



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

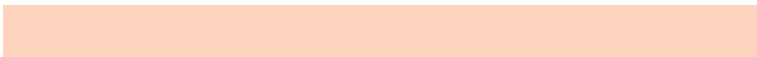
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.5970, 62.0242, 62.3374



66.4729, 56.9852, 55.7839



73.8129, 72.0783, 58.7410



18.1133, 18.0286, 19.2140



21.7453, 11.1874, 2.0431



2.1472, 1.1013, 0.3567



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



69.5970, 62.0242, 62.3374



66.4729, 56.9852, 55.7839



67.8711, 75.5934, 104.7801



18.1133, 18.0286, 19.2140



21.7453, 11.1874, 2.0431



2.1472, 1.1013, 0.3567



# Previews

## White Background



This preview shows how the XYZ color 69.5953, 62.0213, 62.3361 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

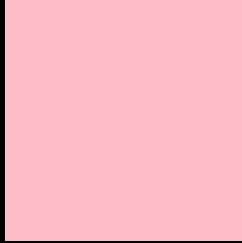
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 69.5953, 62.0213, 62.3361 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 69.5953, 62.0213, 62.3361

## Background



This preview shows how black text looks on a background with the XYZ color 69.5953, 62.0213, 62.3361.



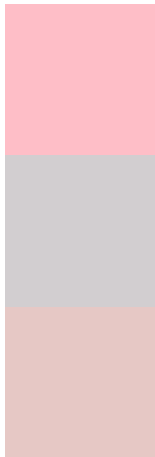
This preview shows how white text looks on a background with the XYZ color 69.5953, 62.0213,



# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

69.5953, 62.0213, 62.3361

### Protanopia

60.0348, 62.3983, 68.5544

### Deuteranopia

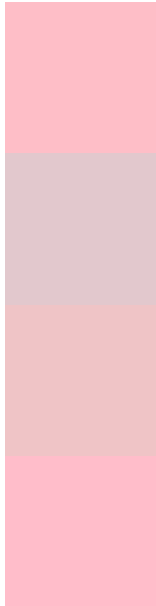
63.3654, 62.1628, 61.4822



## Tritanopia

70.3367, 62.0148, 65.3897

# Trichromacy



## Original Color

69.5953, 62.0213, 62.3361

## Protanomaly

63.0378, 61.8851, 66.3802

## Deuteranomaly

65.5296, 61.9078, 61.9217

## Tritanomaly

70.0983, 61.9195, 64.1342

# Monochromacy



## Original Color

69.5953, 62.0213, 62.3361

## Achromatopsia

61.2578, 64.4480, 70.1838

## Achromatomaly

63.8605, 63.3369, 67.2519

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 69.5953, 62.0213, 62.3361 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(254, 190, 199)` looks like.

```
.text, #text, p{  
    color:rgb(254, 190, 199)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(254, 190, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 190, 199) }
```

## Border

The CSS property to change the border of an element to XYZ 69.5953, 62.0213, 62.3361 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(254, 190, 199) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(254, 190, 199) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(254, 190, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 190, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 190, 199);  
box-shadow:4px 4px 4px 4px rgb(254, 190,  
199) }
```

# Background

The CSS property to change the background color of an element to XYZ 69.5953, 62.0213, 62.3361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 190, 199) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(254,  
190, 199) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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